

HYDROMATIC® SHEF42 CAST IRON SUBMERSIBLE EFFLUENT PUMP

The SHEF42 Series Pump features a 2" NPT vertical discharge and a semi-open impeller capable of handling up to 3/4" solids with a 4/10 HP single phase motor for septic applications.

Applications

- Effluent and wastewater removal
- Sump drainage
- Dewatering
- Flood control



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CAST IRON SUBMERSIBLE EFFLUENT PUMP

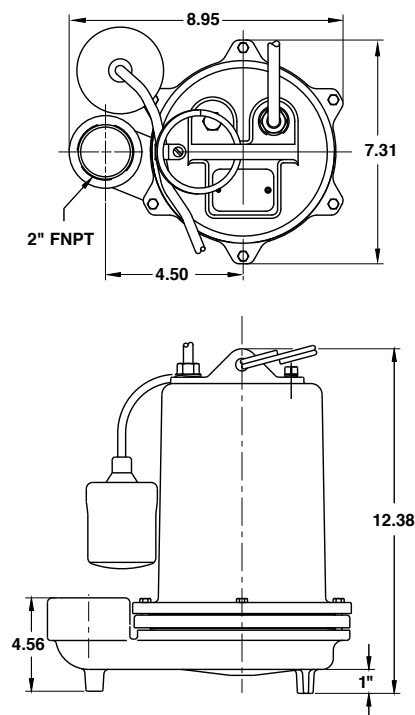
Features

Bearings and Mechanical Seal	Permanently lubricated for long life.
Impeller	Semi-open style, pump out vanes for seal protection.
Overload Protection	Built-in thermal overload with automatic reset.
Cord Design	Prevents oil loss from and moisture protection for motor.
Serviceability	Heavy-duty lift out ring, field serviceable.
Solids Handling	3/4" spherical capability.
Stainless Steel Hardware	Allows easy disassembly after extended service.
Controls	Standard controls available for automatic operation.

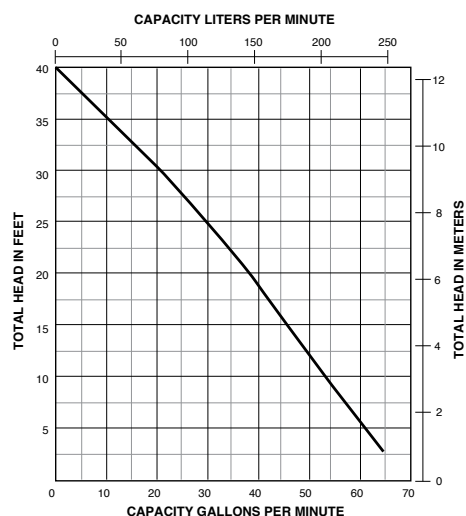
Specifications

Volute Casing	Cast Iron
Upper and Lower Motor Housing	Cast Iron
Impeller	Fiberglass reinforced Noryl® with threaded insert
Mechanical Seal	Type 6A or equal, Buna-N elastomers, carbon and ceramic sealing faces, stainless steel metal parts
Bearings	Lower ball, upper sleeve type, oil lubricated
Exterior Hardware and Nameplate	Stainless steel
Motor	4/10 HP, 3450 RPM, 115 Volts single phase, 60 Hz. Oil-filled. Built-in thermal overload protection with automatic reset and permanent split capacitor on single phase only. Stainless steel motor shaft.
Power Cord	20' oil and water resistant 18-3 SJTW-A/SJTW with integrally grounded 3-prong plug, single phase. UL Listed. Stainless steel cord connector.
Maximum Liquid Temperature Limits	130°F (55°C)

Outline Dimensions



Pump Performance



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.